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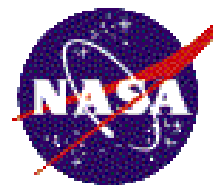
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# EXPLORE: Fun with Science!



## Introduction

***Explore!*** is a cooperative project between the Lunar and Planetary Institute, NASA's Office of Space Science, and public libraries. The goal is to help bring space science materials and activities into informal education settings. ***Fun with Science*** is a library youth activity program divided into eight sessions, complete with activities, resources and NASA handouts. These activities can be found in this book and on-line at the Lunar and Planetary Institute web-site (<http://www.lpi.usra.edu>), in the **E/PO** section of the home page, under the ***Explore Program***.

These activities are designed for use by any librarian or youth group instructor who wishes to involve youth in a series of fun science activities during the summer months, after school or on Saturdays. When necessary, local sponsors can help provide materials for one or all of the activities. Fun with Science is also designed to accommodate partnerships with community volunteer groups, area business communities and local schools.

The activities are easy to do and require few materials and minimal preparation. All the activities come with a list of recommended videos, books, and Web sites. Science programs interest much of America's youth and Fun with Science can capture imaginations through hand-on astronomy and space science activities in an entertaining and professional setting. All the lessons are 1½ to 2 hours long and give the children something to take home (besides an armload of books on the topic!). A display of topically related books for the children to explore at the library will encourage them to continue reading about the subjects presented.

Topics covered in these lessons include **rocketry**, **space capsules**, **space colonies**, the **solar system**, **comets**, **impact craters**, and **remote sensing**. An evaluation form found at the end of the booklet will help provide important feedback about the activities. A certificate of completion and a flyer for promoting the program is also included.